



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

646.3812
Job Sheet 168252



Part No: 646.3812

Job Qty: 5 ea

Part Name: Gusset Bracket



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 11/13/17

Job Tracking No:

Due Date: 11/28/17

Created By: Linda Lacelle

Type: Stock

Description:

Note: DWG REV NC IPP REV:A NEW ISSUE 12-10-22 JLM VERIFIED:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	5 Ea		11/27/17	0.00	0.00	Start Up Machining		J.C.-L. 17-12-11
100	Bandsaw	5 pcs		11/27/17	0.00	1.16	Bandsaw1		J.C.-L. 17-12-11
110	Mill Conv	5 pcs		11/28/17	0.00	2.35	Mill Conv 1		J.C.-L. 17-12-12
120	QC	5 pcs		11/28/17	0.00	0.00	QC2		J.C.-L. 17-12-12
130	QC	5 pcs		11/28/17	0.00	0.00	QC8		F.R. 17-12-12
140	Outsource	5 pcs		11/28/17	0.00	0.00	Outsource4		
150	Packaging	5 pcs		11/28/17	0.00	0.00	Packaging2		DAS
155	QC	5 pcs		11/28/17	0.00	0.00	QC5		38
180	Packaging	5 pcs		11/28/17	0.00	0.00	Packaging3	CCR105	21-89
190	QC21-SA	5 Ea		11/28/17	0.00	0.00	QC21		DAS

Part Op 110 - 1-Machine per DWG

Descriptions: 140 - Issue P/O to ATG : _____

180 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

21 JAN 16 2018
9:00

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation 0.922	M7075T6A0.75X0.75X0.060X0.062	1	51	0	0

Part Specifications

Specifications could not be found.

Plex 11/14/17 7:16 AM dart.boucher.sylvie

DART
AEROSPACE
S019908



Gusset Bracket

PART NO: 646.3812

Revision:

Operation: Start up Operation

Change No:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K64 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

ICE / UPDATE

Work Order update only ☐

DART
AEROSPACE

AGAINST DEPARTMENT/PROCESS

ube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐
ing ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐
ing ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐
fab ☐	Composite ☐	Supplier ☐	

fective :

MRB (QSI042) Approval

Disposition

Completed By

Lead hand / Supervisor
Approval Verification

Mfg Date: 12/11/17

Job No: 168252

Dart Aerospace Ltd.

1270 Aberdeen Street
Hawkesbury, ON K64 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

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DART
AEROSPACE
S019908



Gusset Bracket

PART NO:
Revision:
Operation:
Change No:

646.3812

Outsource

Mfg Date: 12/11/17

Job No: 168252

Root Cause

Environment ☐	No Re-verification ☐	Pressure/Forced ☐
Design ☐	Operator ☐	Bending ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concen ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple, ☐
Material ☐	Use for Testing ☐	Cuffs ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tubi ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐
Past Expiry Date ☐	Manufacturing Process ☐	
Misidentified ☐	Past Due ☐	OTHER : ☐

DQA: _____ Date: _____



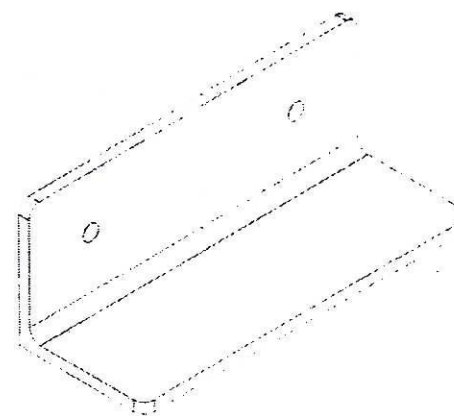
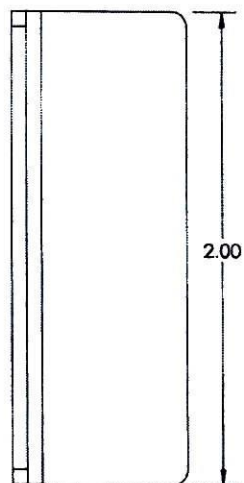
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

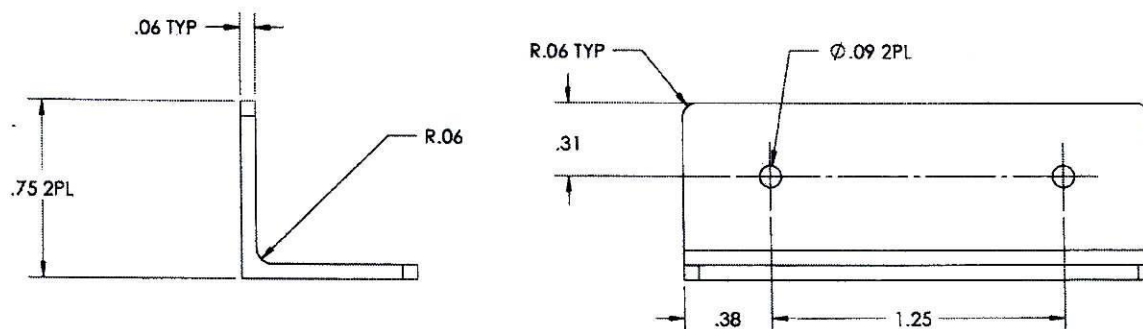
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																
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OTHER : _____																																																																				

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



646.3812



WITHOUT NOTICE
WORK ORDER
NO. 168252

DAS
30
9-89

NOV 16 2017

[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:12.5%;">Skid-tube</td><td style="width:12.5%;">Cross tube</td><td style="width:12.5%;">Water Jet</td><td style="width:12.5%;">Engineering</td></tr> <tr> <td>Machining</td><td>Small Fab</td><td>Prod. Eng. Coord.</td><td>Quality</td></tr> <tr> <td>Thermoforming</td><td>Finishing</td><td>Rec/Store/Packaging</td><td>Other</td></tr> <tr> <td>Large Fab</td><td>Composite</td><td>Supplier</td><td></td></tr> </table>						Skid-tube	Cross tube	Water Jet	Engineering	Machining	Small Fab	Prod. Eng. Coord.	Quality	Thermoforming	Finishing	Rec/Store/Packaging	Other	Large Fab	Composite	Supplier	
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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038682

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO038682
PO Date: 12/19/17
Due Date: 1/5/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

E-MAILED
DEC 21 2017

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	169179	649.4814	Doubler ISSUE P/O: HARD ANODIZE, COLOR BLACK AS PER DWG. (SEE NOTE 2) PRIME IAW MIL-P-23377J TYPE1 CLASS N AS PER DWG. (SEE NOTE 2)	Firmed	1/17/18	10 pcs	0 pcs	10 pcs	\$7.25/pcs	\$72.50
2	168024	646.3812	Gusset Bracket Issue P/O to ATG : Hard Anodize Black and Prime as Per Dwg 646.3800	Firmed	1/17/18	8 pcs	0 pcs	8 pcs	\$7.10/pcs	\$56.80
3	168250	646.3810	Bracket Issue P/O to ATG : 1- Hard Anodize Black and Prime as per Dwg 646.3800	Firmed	1/17/18	5 pcs	0 pcs	5 pcs	\$7.55/pcs	\$37.75
4	168252	646.3812	Gusset Bracket Issue P/O to ATG : Hard Anodize Black and Prime as Per Dwg 646.3800	Firmed	1/17/18	5 pcs	0 pcs	5 pcs	\$7.10/pcs	\$35.50
5	169178	649.4812	Shim ISSUE P/O: HARD ANODIZE, COLOR BLACK AS PER DWG. (SEE NOTE 2) PRIME IAW MIL-P-23377J TYPE1 CLASS N AS PER DWG. (SEE NOTE 2)	Firmed	1/17/18	20 pcs	0 pcs	20 pcs	\$13.15/pcs	\$263.00
6	168253	646.3813	AS350 Strut Bracket Issue P/O to ATG :	Firmed	12/22/17	5 pcs	0 pcs	5 pcs	\$7.10/pcs	\$35.50



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914369

Date: 05-Jan-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chantal Lavoie
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 615-632-9377		Fax: 615-632-9377	
Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
10 ea	Part: 649.4814 Doubler Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22189		Rev: D PO: PO038682 Line: 1
4 ea	Part: 646.3814 Wiper Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22202		Rev: N/C PO: PO038682 Line: 14
8 ea	Part: 646.3812 Gusset Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22190		Rev: N/C PO: PO038682 Line: 2
5 ea	Part: 646.3810 Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22191		Rev: N/C PO: PO038682 Line: 3
5 ea	Part: 646.3812 Gusset Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22191		Rev: N/C PO: PO038682 Line: 3
Made in Canada.			

SP18-01-11



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914369

Date: 05-Jan-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chantal Lavoie
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	- .9 mils) per drawing. Job: 22192	PO: PO038682	Line: 4
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>05/01/2018</u> Certified Signature: <u>[Signature]</u> Receiver Signature: <u>8018-01-11</u> A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.			
Made in Canada.			